

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

F A C T S H E E T

(pursuant to NAC 445A.236)

Permittee Name: Refuse Inc.
 100 Vassar Street
 Reno, NV 89520

Permit Number: NV0022411

Location: Stead Transfer Facility
 1380 Mt. Anderson
 Reno, Nevada
 Washoe County, Nevada

Latitude: 39° 38' 30" N
Longitude: 119° 53' 00" W

Description of Discharge The subject discharge is composed of first, groundwater pumped from a subsurface drain to a 10,000 gallon storage tank where it is stored for onsite use for sprinkling and aiding the compaction of the garbage and box cleaning at the facility. If and when the capacity of the storage tank is exceeded, water is designed to overflow to a system storm drain. The groundwater discharge and the receiving waters are the same, and are not potable. The second discharge component is stormwater which is collected from side trench drains, and from rainwater run-off from truck ramps. This water is pumped through a 2500 gallon sand/oil separator for treatment prior to discharge. The third component is stormwater from the parking lot and yard which drains out to a 10,000 gallon sand/oil separator after which the combined flows discharge to Silver Lake Playa #3. On the basis of preliminary review of the requirements of the Nevada Revised Statutes (NRS) as amended, and implementing regulations, the Administrator proposes to reissue the permit to discharge, subject to certain effluent limitations and special conditions.

General: The permittee operates the Stead Transfer Facility and has applied for renewal of their permit. The permit allows the discharge of intercepted groundwater required for the facility dewatering, and stormwater which is treated via sand/oil separators. The facility is a solid waste transfer station where all activity occurs within the transfer station facility.

Characteristics: Groundwater quality is poor and non-potable due to the proximity to the terminal Silver Lake Playa #3 and the constituents in the water. The constituents are Arsenic 0.051 mg/l, nitrate 9.1 mg/l, and TDS at 1440 mg/l. The dewatering intercepts a regional plume of chlorinated solvents which is being managed by the Bureau of Corrective Actions.

Flow: The maximum estimated groundwater discharge declared by the permittee is 0.055 MGD for Outfall 001, and 0.041 MGD for the stormwater flow to Outfall 002 and 003 combined. total maximum flows are estimated at 0.100 MGD.

Procedures for Public Comment: The Notice of the Divisions's intent to reissue a permit authorizing the facility to discharge to the Surface waters of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Reno Gazette-Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing until March 16, 2001, which is a period of 30 days following the date of publication the public notice. The comment period can be extended at the discretion of the Administrator. All written comments received during the comment period will be retained and considered in the final determination.

A public hearing on the proposed determination can be requested by the applicant, any affected state, any affected interstate agency, or any interested agency, person or group of persons. Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determines to be appropriate. All public hearings will be conducted in accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination: The Division has made the tentative determination to reissue the permit for a period of five (5) years.

Proposed Limitations and Special Conditions

TABLE I.1

<u>PARAMETERS</u>	<u>EFFLUENT DISCHARGE LIMITATIONS</u>		<u>MONITORING REQUIREMENTS</u>		
	30 Day Ave.	Daily Max	Sample Location(s)	Measurement Frequency	Sample Type
Flow	Monitor and Report		001, 002, 003	Continuous	Recorder
1,1,1-Trichloroethane	0.2 ppb	0.2 ppb	001	March/Sept.	Discrete
1,1,2-Trichloroethane	0.005 ppb	0.005 ppb	001	March/Sept.	Discrete
Trichloroethylene	0.005 ppb	0.005 ppb	001	March/Sept.	Discrete
Perchloroethylene	0.005 ppb	0.005 ppb	001	March/Sept.	Discrete
1,2-Dichloropropane	0.005 ppb	0.005 ppb	001	March/Sept.	Discrete
1,1-Dichloroethylene	0.007 ppb	0.007 ppb	001	March/Sept.	Discrete
1,2-Dichloroethane	0.005 ppb	0.005 ppb	001	March/Sept.	Discrete
1,1-Dichloroethane	Monitor and Report ppb		001	March/Sept.	Discrete

<u>PARAMETERS</u>	<u>EFFLUENT DISCHARGE LIMITATIONS</u>		<u>MONITORING REQUIREMENTS</u>		
	30 Day Ave.	Daily Max	Sample Location(s)	Measurement Frequency	Sample Type
Chloroform	Monitor and Report ppb		001	March/Sept.	Discrete
CBOD₅	Monitor and Report mg/l		001, 002, 003	Annually	Composite
pH	between 6 and 9 S.U.		001, 002, 003	Annually	Discrete
Total Nitrogen as N	Monitor and Report mg/l		001	Annually	Discrete
Total Dissolved Solids	Monitor and Report mg/l		001	Annually	Composite
Profile 1	Monitor and Report		001	Annually	Discrete
TPH-full range	Monitor and Report mg/l		002, 003	Annually	Discrete

Rationale for Permit Requirements

Monitoring is required to track the concentrations of the encountered solvent plume and to determine the level of treatment being provided by the sand/oil separators.